

*MR/X-RAY SCANNER*HAVING A ROTAT- ABLE ANODE

Abstract

A hybrid MR/x-ray scanner is disclosed that allows for the acquisition of x-ray as well as MR data in a single exam without requiring patient repositioning. As an MR scanner, the hybrid system is capable of providing images with soft tissue contrast, excellent 3D visualization, the ability to image in multiple scan planes, as well as the possibility of providing physiological information. The x-ray components of the hybrid scanner include a rotatable anode that rotates during data acquisition and is caused to rotate without introduction of unwanted magnetic flux to the MR magnetic field.